

COMP 3123 – Full Stack Development I – Lab Week 10

React JS

References:

- https://www.w3schools.com/react/react_getstarted.asp
- <https://reactjs.org/docs/create-a-new-react-app.html>

React JS Environment Setup:

1. Required **NPM or node.js** (Your machine is already equipped with node). To verify execute following command on command line

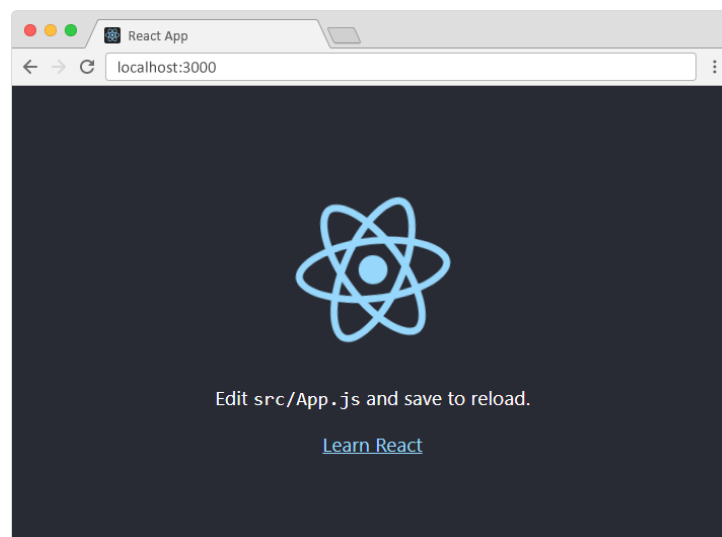
```
$ node -version
```

2. Create new ReactJS application name **labweek10** and **GitHub repository with same name**

```
$ npx create-react-app labweek10
```

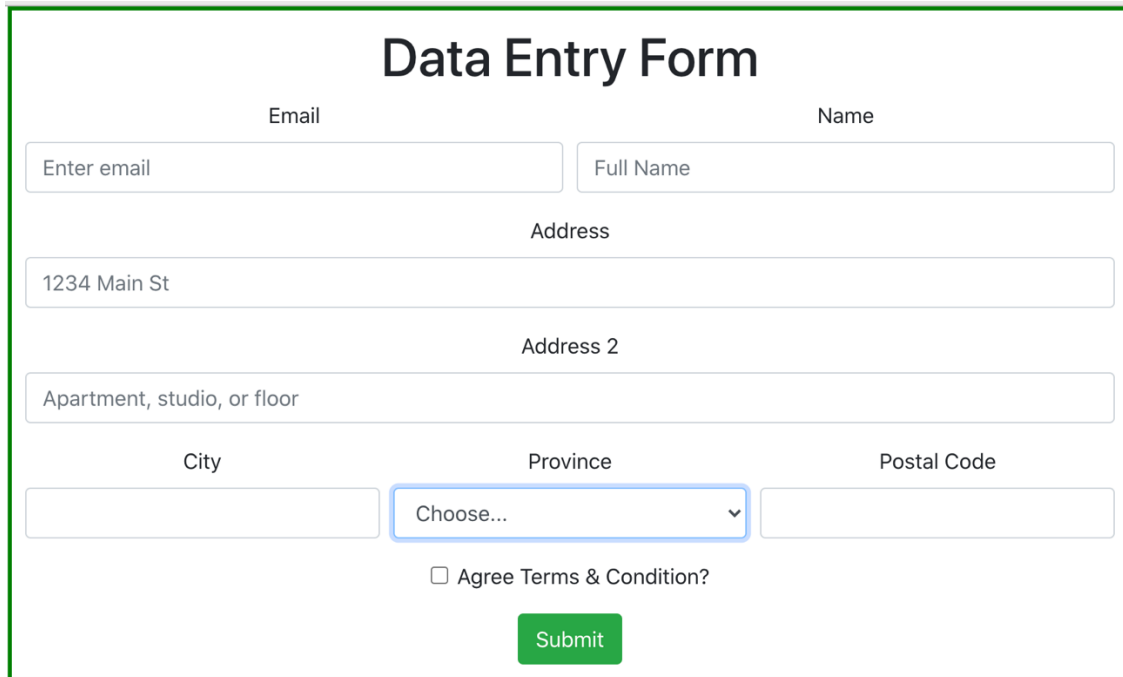
3. Execute the **labweek10** exercise

```
$ cd labweek10  
$ npm start
```



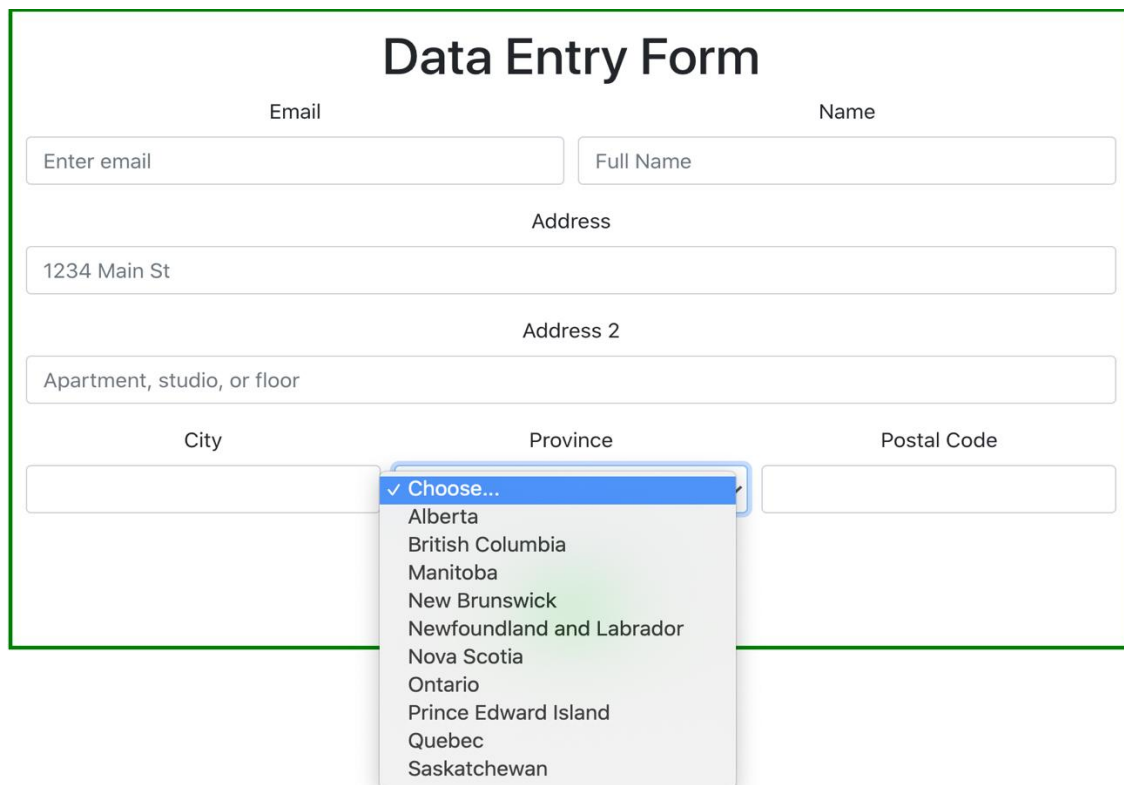
Exercise: This exercise contains 2 parts

Part – I Update the default layout to create data entry form.



A data entry form titled "Data Entry Form" with a green border. It contains the following fields and labels:

- Email:** A text input field with the placeholder "Enter email".
- Name:** A text input field with the placeholder "Full Name".
- Address:** A text input field with the placeholder "1234 Main St".
- Address 2:** A text input field with the placeholder "Apartment, studio, or floor".
- City:** A text input field.
- Province:** A dropdown menu with the placeholder "Choose..." and a downward arrow.
- Postal Code:** A text input field.
- Agree Terms & Condition?:** A checkbox.
- Submit:** A green button.



The same data entry form as above, but with the Province dropdown menu open, showing a list of Canadian provinces and territories. The dropdown menu is highlighted with a blue border and a blue background. The list includes:

- ✓ Choose...
- Alberta
- British Columbia
- Manitoba
- New Brunswick
- Newfoundland and Labrador
- Nova Scotia
- Ontario
- Prince Edward Island
- Quebec
- Saskatchewan

Part – II When you press Submit button you should display all the information entered at the bottom of the data entry form in given format.

Email: Pritesh.patel2@georgebrown.ca

Full Name: Pritesh Patel

Address: 160 Kendal Ave

City: Toronto

Province: Ontario

Postal Code: M5R 1M3

Submission Details

- After modifying the application upload ZIP having name **labweek10.zip** and **Screenshot** of your output and **code** to black board on or before deadline.
- Also submit GitHub repository link on BB
- Please delete **node_modules** folder before upload